

Resource Summary Report

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[KK696](#)

RRID:WB-STRAIN:WBStrain00023573

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00023573

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00023573>

Proper Citation: RRID:WB-STRAIN:WBStrain00023573

Description: Caenorhabditis elegans with name ooc-5(it145) unc-4(e120)/mnC1 [dpy-10(e128) unc-52(e444)] II. from WB.

Species: Caenorhabditis elegans

Synonyms: ooc-5(it145) unc-4(e120)/mnC1 [dpy-10(e128) unc-52(e444)] II.

Notes: Heterozygotes are WT and segregate WT, DpyUncs and Sterile Uncs. it145 is a recessive mutation that results in multiple rows of small oocytes instead of a single row of normal size oocytes. it145 is a recessive maternal effect lethal mutation: hermaphrodites produce embryos that fail to hatch - the embryos exhibit a partial defect in P0 nuclear rotation and a strong defect in P1 nuclear rotation; PAR proteins are mislocalized in P1.

Affected Gene: WBGene00001072(dpy-10)|WBGene00003870(ooc-5)|WBGene00006744(unc-4)|WBGene00006787(unc-52)

Genomic Alteration: WBGene00001072(dpy-10), WBGene00003870(ooc-5), WBGene00006744(unc-4), WBGene00006787(unc-52)

Catalog Number: WB-STRAIN:WBStrain00023573

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:10545235](#)

Alternate IDs: WB-STRAIN:KK696, CGC_KK696

Organism Name: KK696

Record Creation Time: 20230227T013516+0000

Record Last Update: 20260905T115047+0000

Ratings and Alerts

No rating or validation information has been found for KK696.

No alerts have been found for KK696.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Groff KJ, et al. (2025) Focal DEPDC5 loss without disruption to cerebral cortical neuron migration recapitulates DEPDC5-related focal epilepsy. JCI insight, 10(21).

Nowakowska M, et al. (2024) Light-Controlled Electric Stimulation with Organic Electrolytic Photocapacitors Achieves Complex Neuronal Network Activation: Semi-Chronic Study in Cortical Cell Culture and Rat Model. Advanced healthcare materials, 13(29), e2401303.